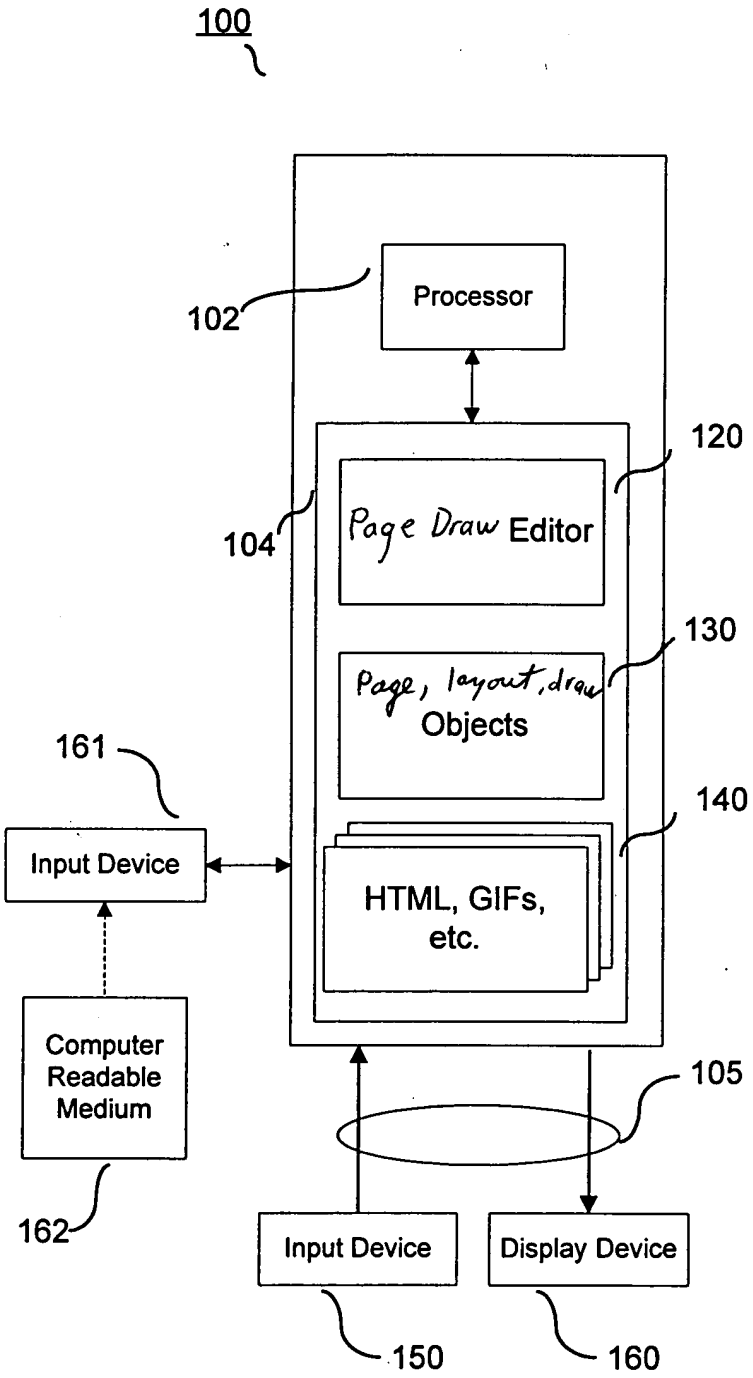


Fig. 1

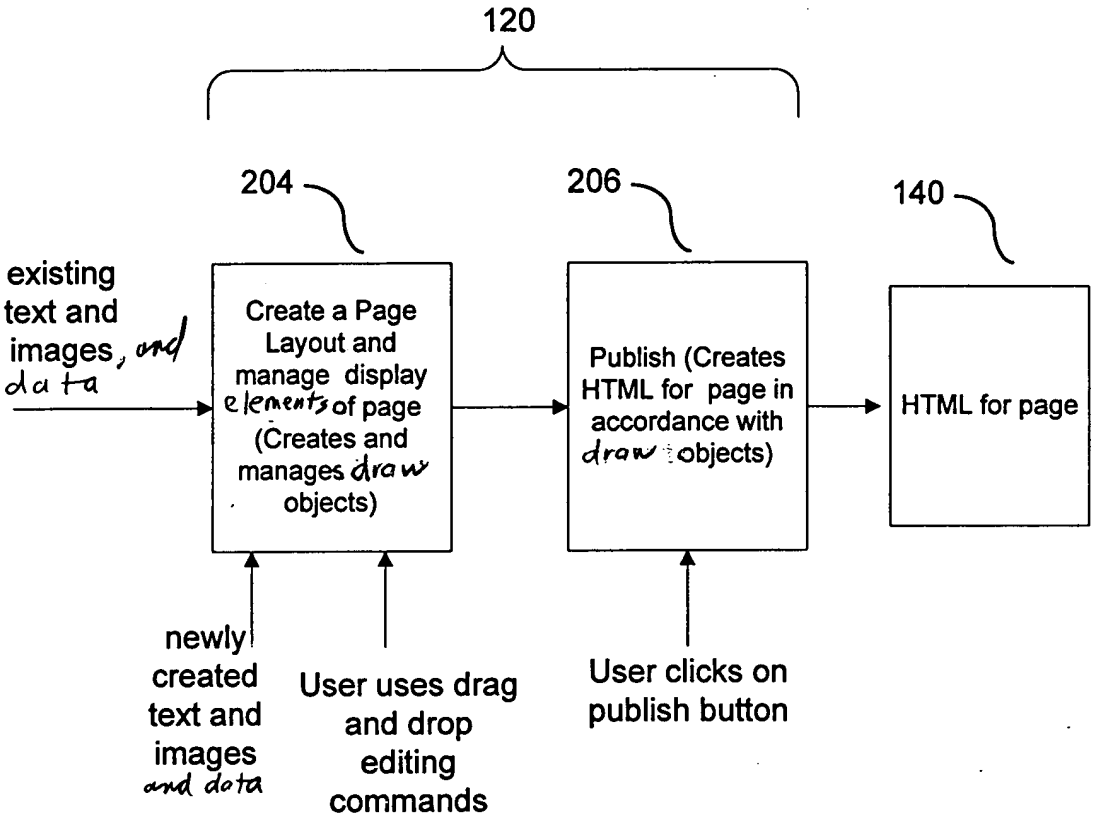


Fig. 2

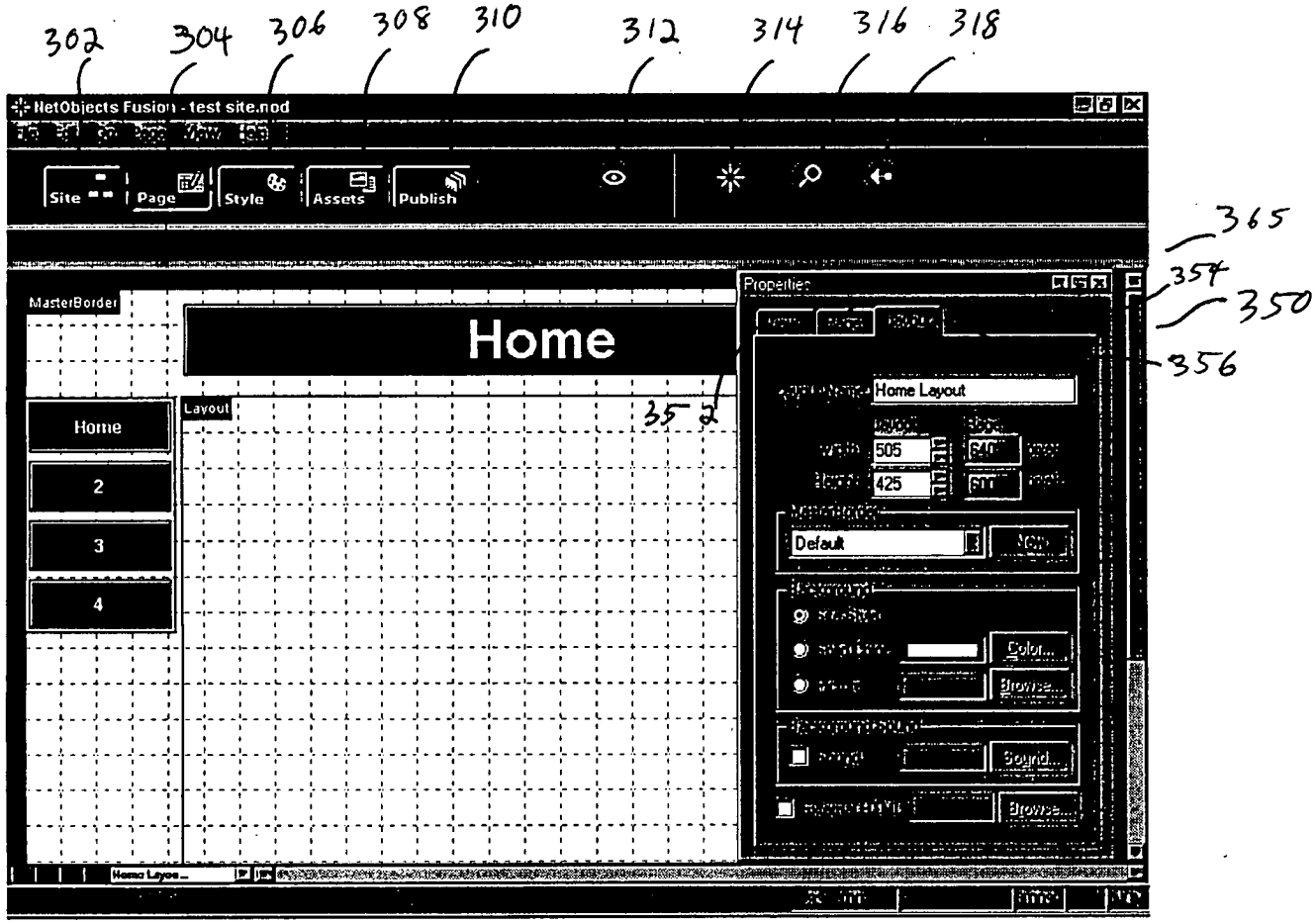


Fig. 3

131/97948.01.00
030797/2146/34175.00058

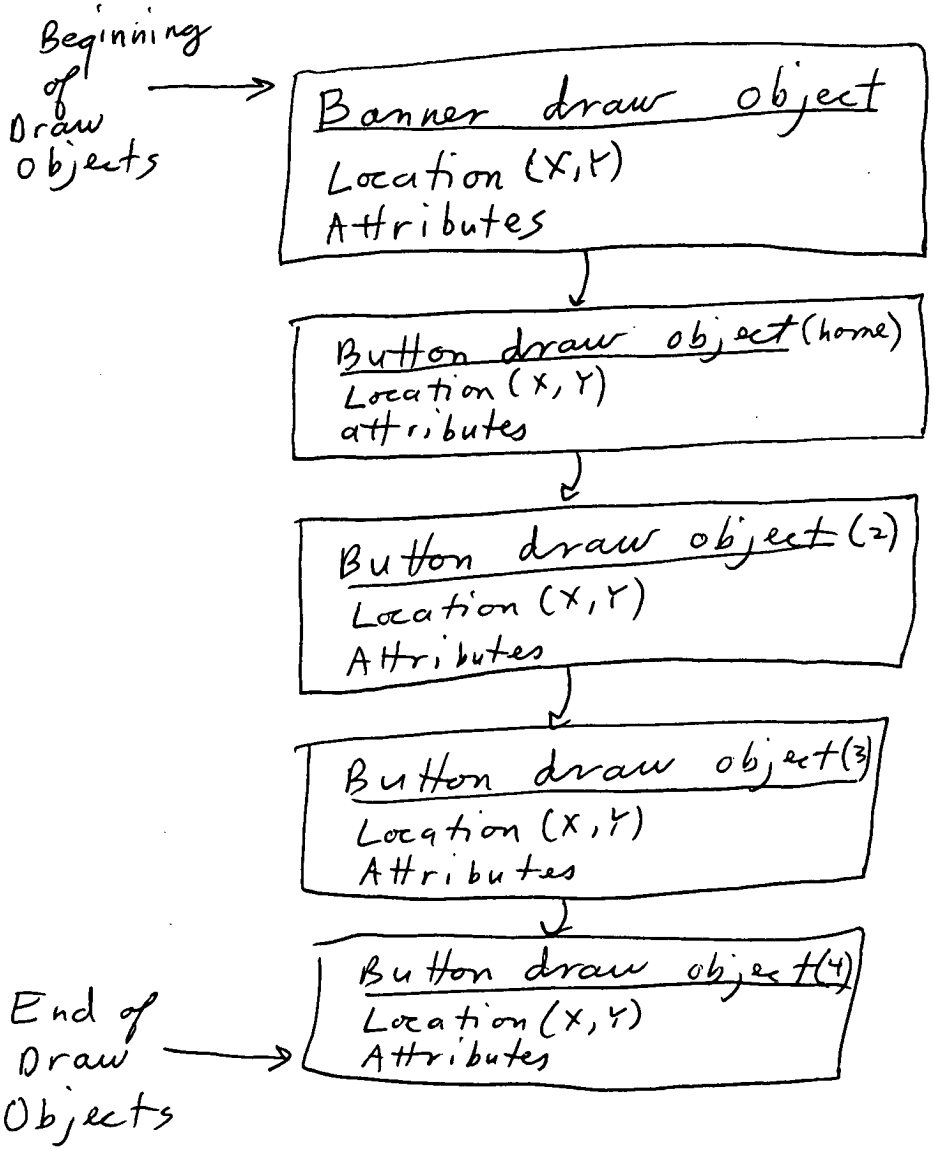


Fig. 4(a)

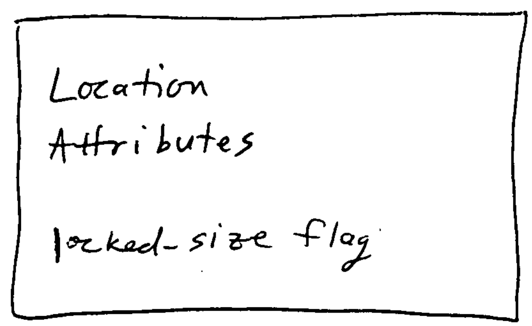


Fig. 4(b)
Draw object for text

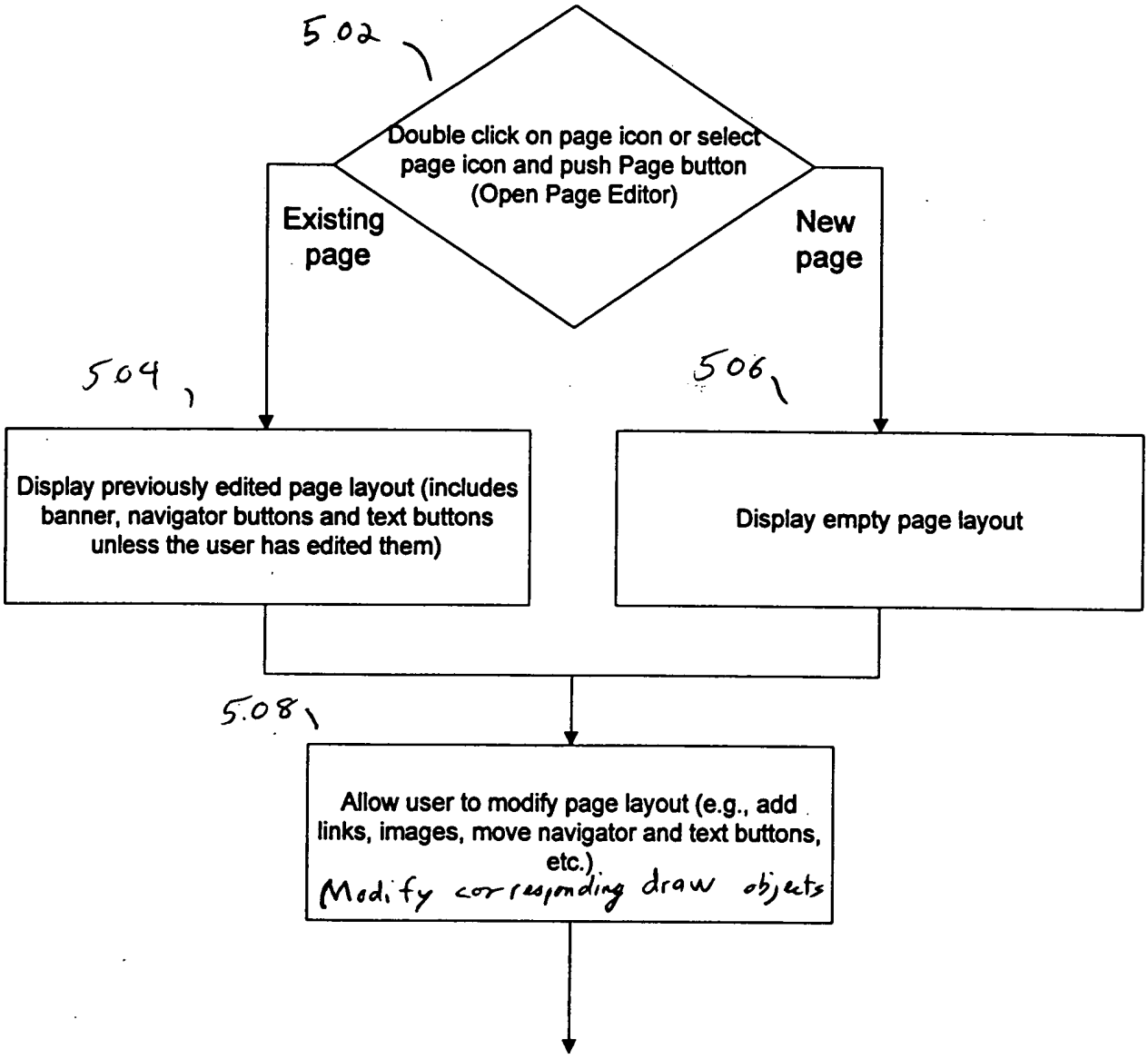
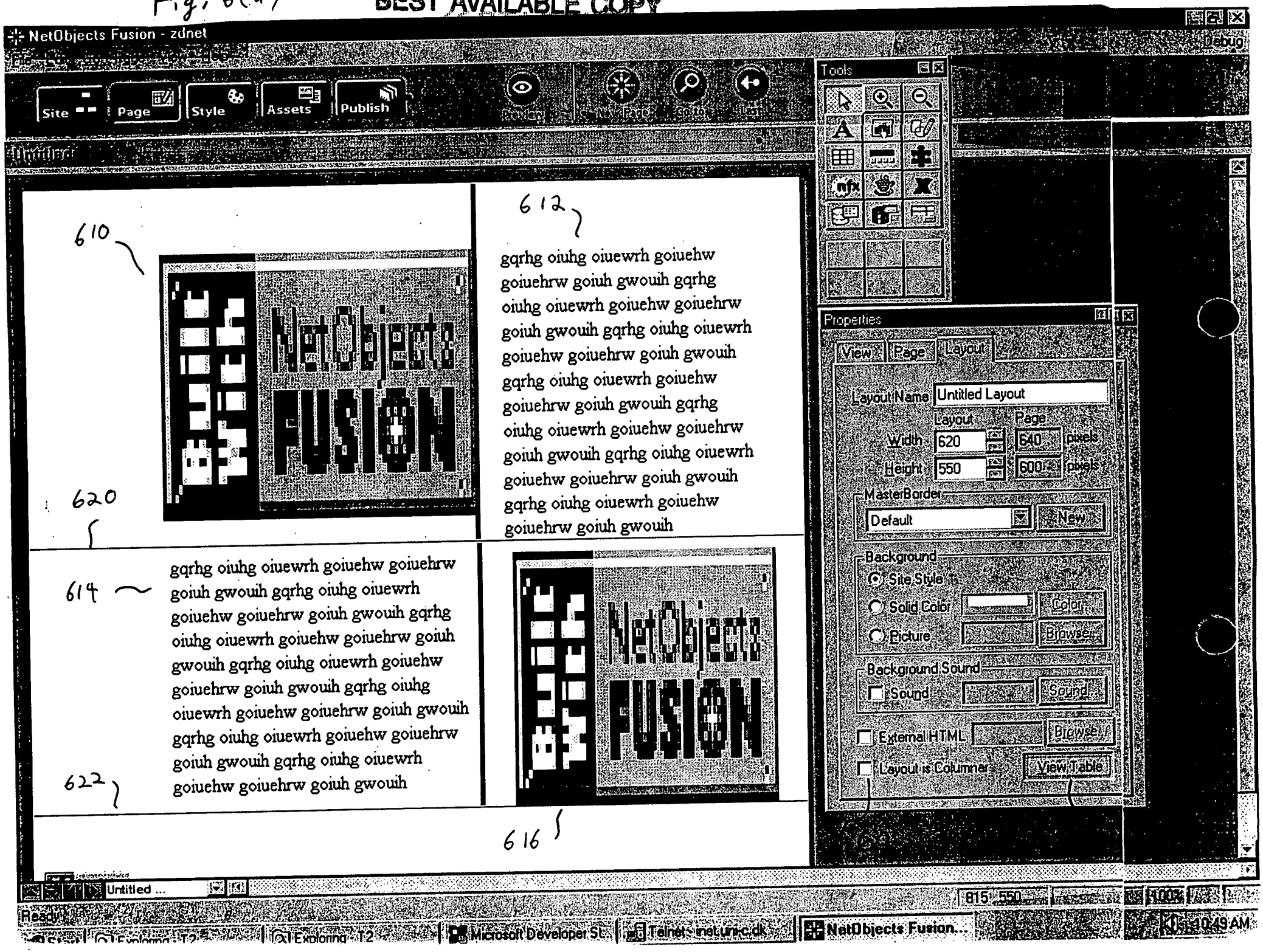

502
Double click on page icon or select page icon and push Page button (Open Page Editor)
Existing page
New page
504
506
Display previously edited page layout (includes banner, navigator buttons and text buttons unless the user has edited them)
Display empty page layout
508
Allow user to modify page layout (e.g., add links, images, move navigator and text buttons, etc.)
Modify corresponding draw objects

Fig. 5

Fig. 6(a)



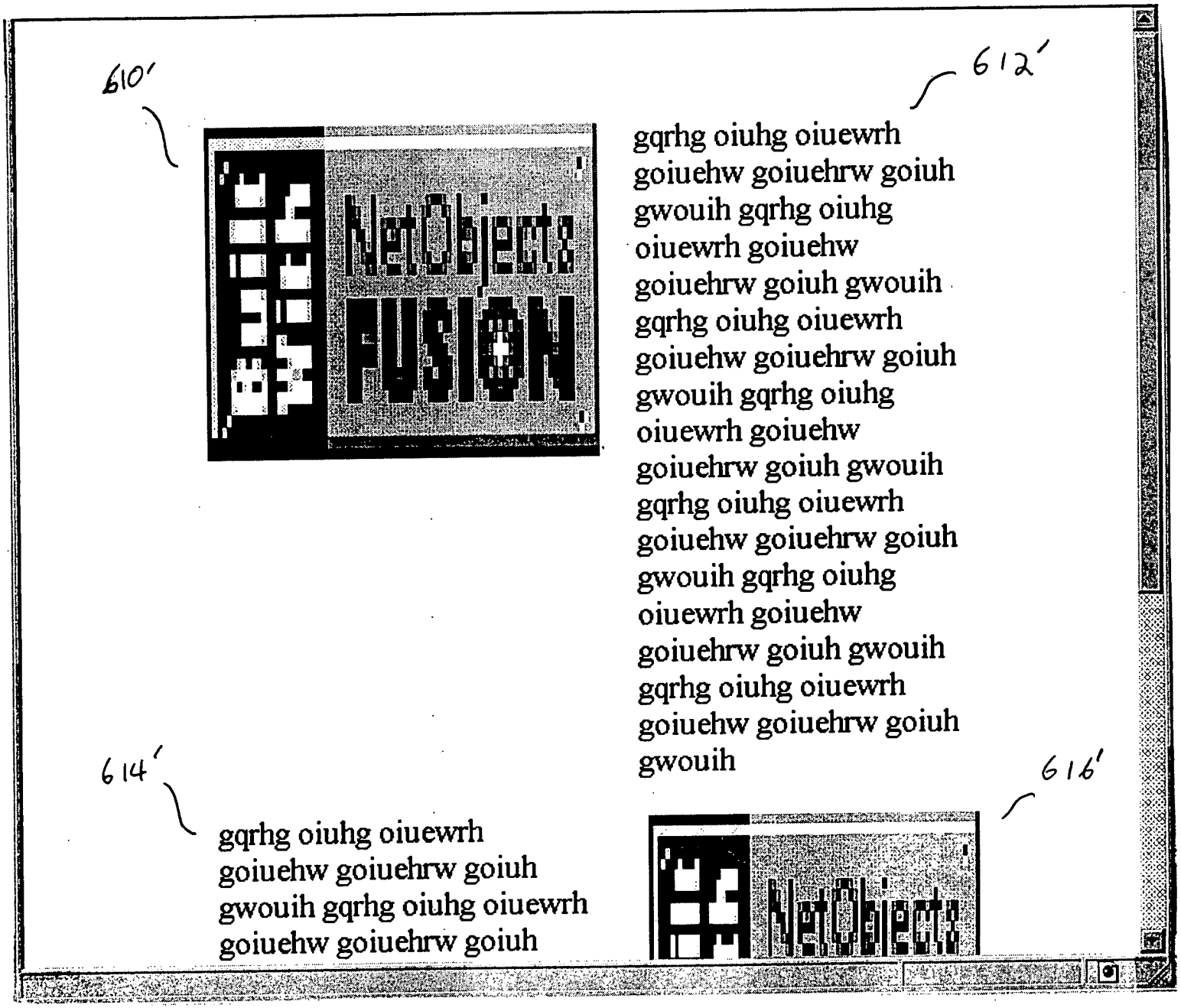


Fig. 6(b)

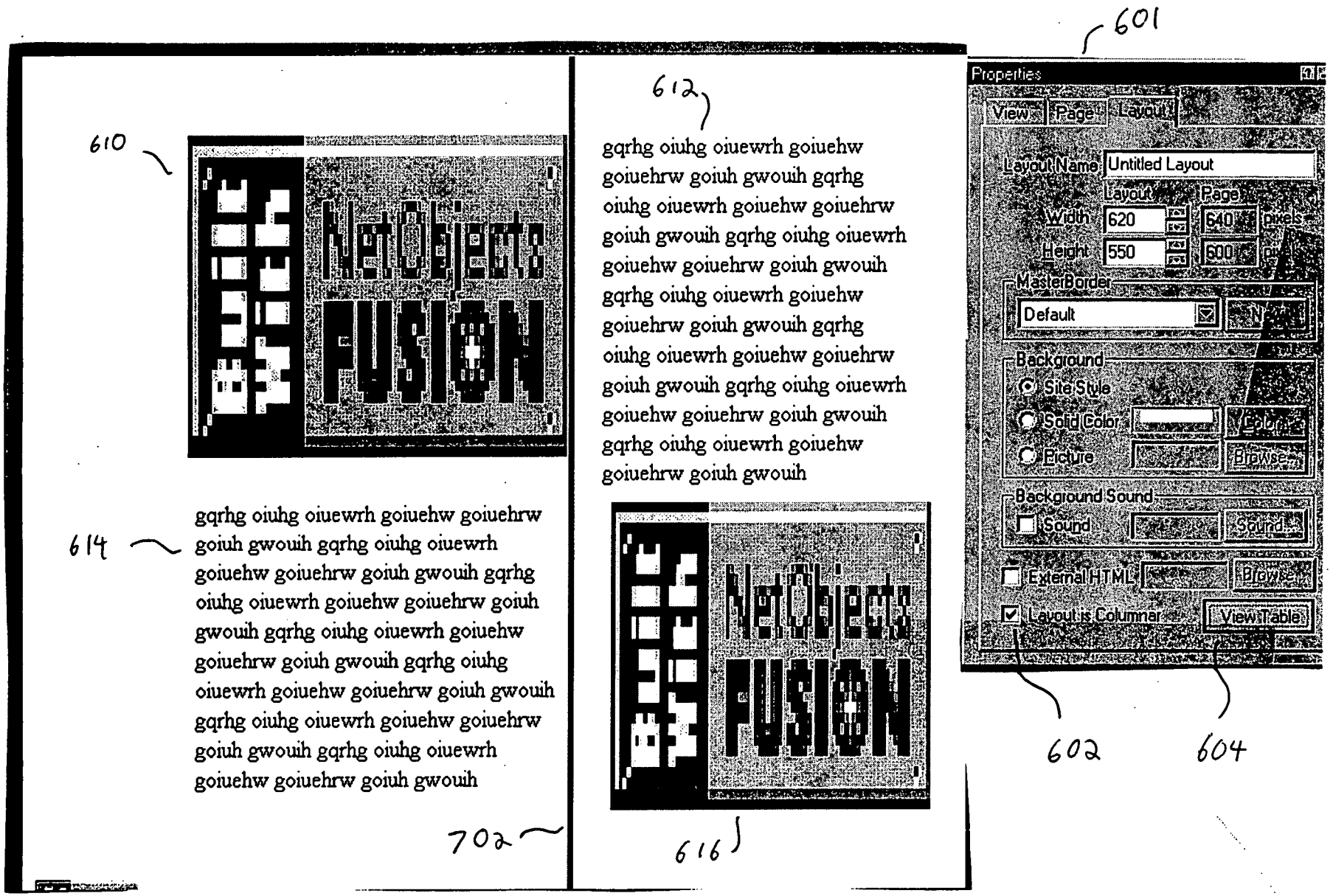
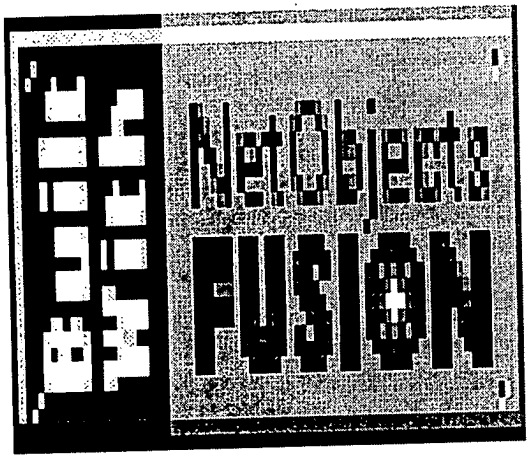

601
610
612
gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih
614
gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih
702
616
Properties
View
Page
Layout
Layout Name
Untitled Layout
Layout
Page
Width
620
640
pixels
Height
550
600
MasterBorder
Default
Background
Site Style
Solid Color
Color...
Picture
Browse...
Background Sound
Sound
Sound...
External HTML
Browse...
Layout is Columnar
View Table
602
604

Fig. 7(a)

610'



612'

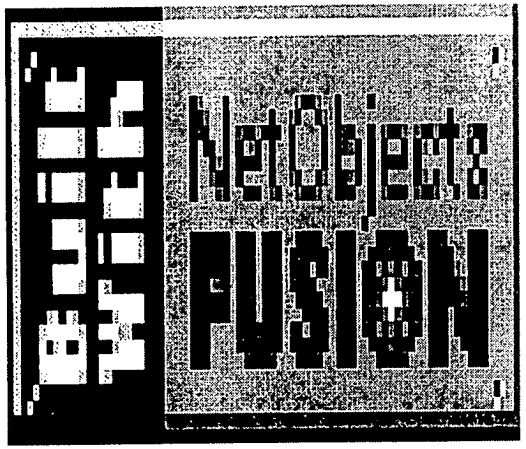
gqrhg oiuhg oiuewrh
goiuehw goiuehrw goiuh
gwouih gqrhg oiuhg
oiuewrh goiuehw
goiuehrw goiuh gwouih
gqrhg oiuhg oiuewrh
goiuehw goiuehrw goiuh
gwouih gqrhg oiuhg
oiuewrh goiuehw
goiuehrw goiuh gwouih
gqrhg oiuhg oiuewrh
goiuehw goiuehrw goiuh
gwouih gqrhg oiuhg
oiuewrh goiuehw
goiuehrw goiuh gwouih
gqrhg oiuhg oiuewrh
goiuehw goiuehrw goiuh
gwouih

614'

gqrhg oiuhg oiuewrh
goiuehw goiuehrw goiuh
gwouih gqrhg oiuhg oiuewrh
goiuehw goiuehrw goiuh
gwouih gqrhg oiuhg oiuewrh
goiuehw goiuehrw goiuh
gwouih gqrhg oiuhg oiuewrh
goiuehw goiuehrw goiuh
gwouih gqrhg oiuhg oiuewrh
goiuehw goiuehrw goiuh
gwouih gqrhg oiuhg oiuewrh
goiuehw goiuehrw goiuh

616'

Fig. 7(b)



gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih

gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih

Fig 7(c)

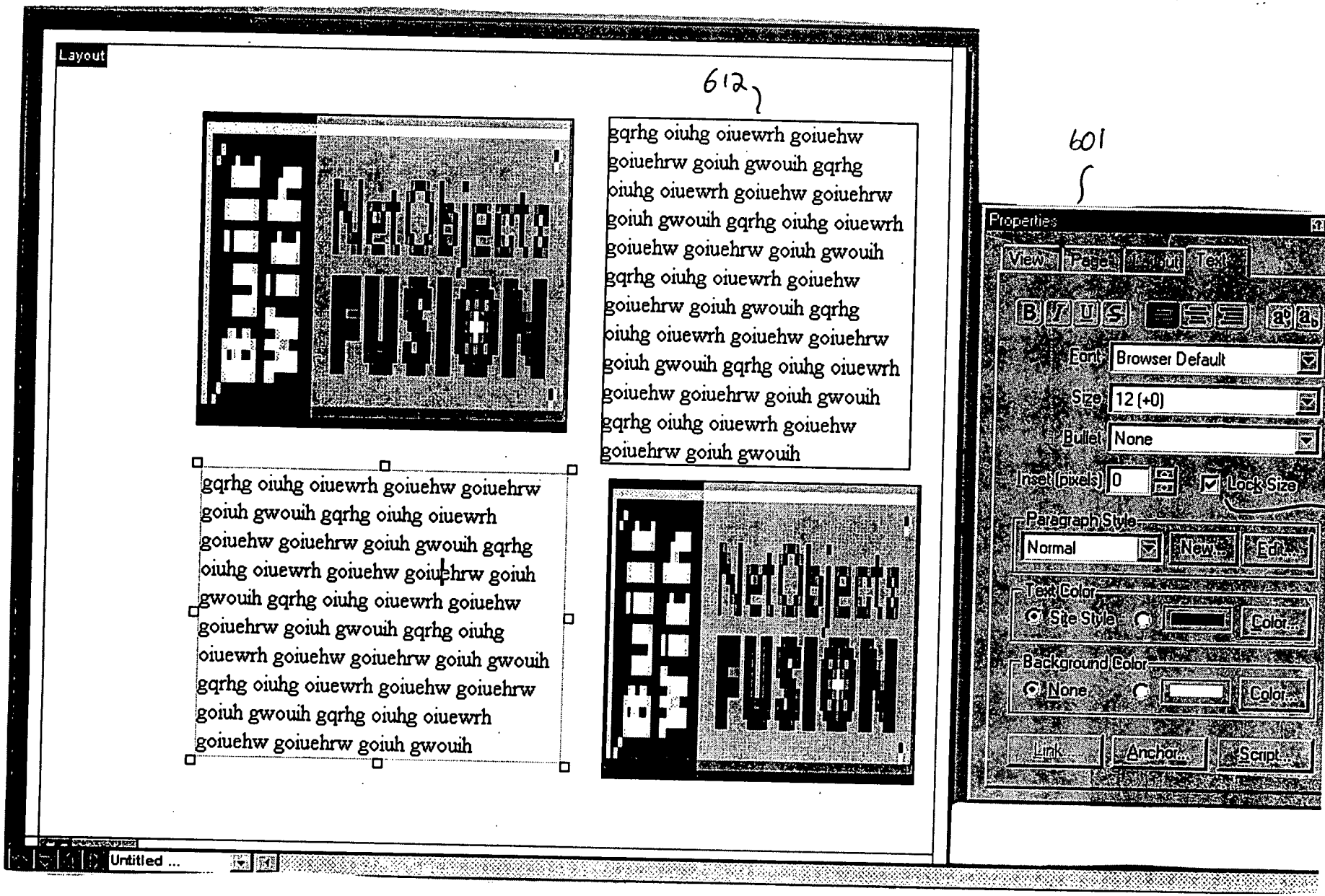

Layout
612
gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih gqrhg oiuhg oiuewrh goiuehw goiuehrw goiuh gwouih
601
Properties
View
Page
Layout
Text
Font
Browser Default
Size
12 (+0)
Bullet
None
Inset (pixels)
0
Lock Size
802
Paragraph Style
Normal
New...
Edit...
Text Color
Site Style
Color...
Background Color
None
Color...
Link...
Anchor...
Script...
Untitled ...

Fig. 8

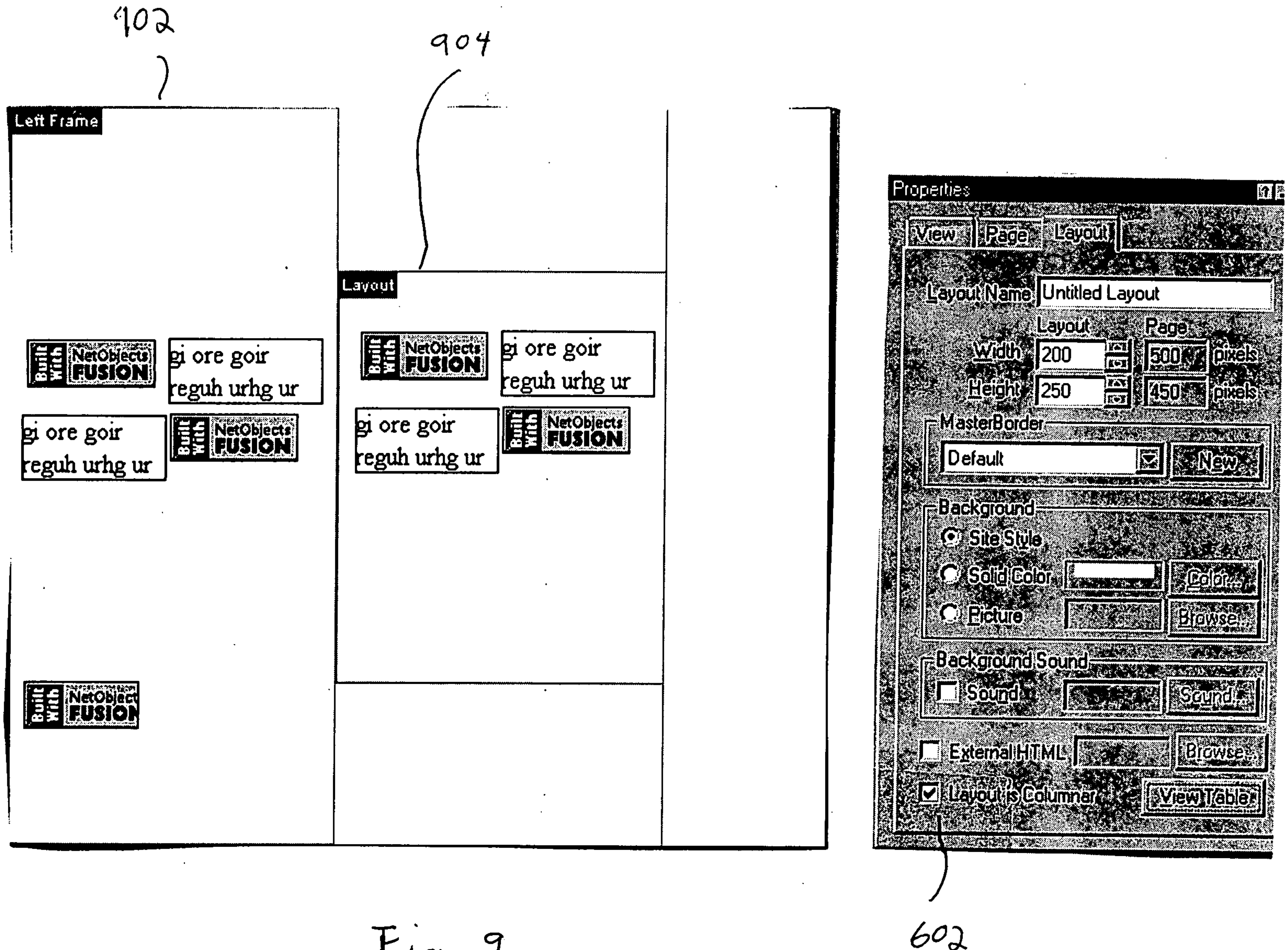

902
904
Left Frame
Layout
Built With NetObjects FUSION
gi ore goir
reguh urhg ur
Properties
View
Page
Layout
Layout Name
Untitled Layout
Layout
Page
Width
200
500
pixels
Height
250
450
pixels
MasterBorder
Default
New
Background
Site Style
Solid Color
Color...
Picture
Browse...
Background Sound
Sound
Sound...
External HTML
Browse...
Layout is Columnar
View Table
602

Fig. 9

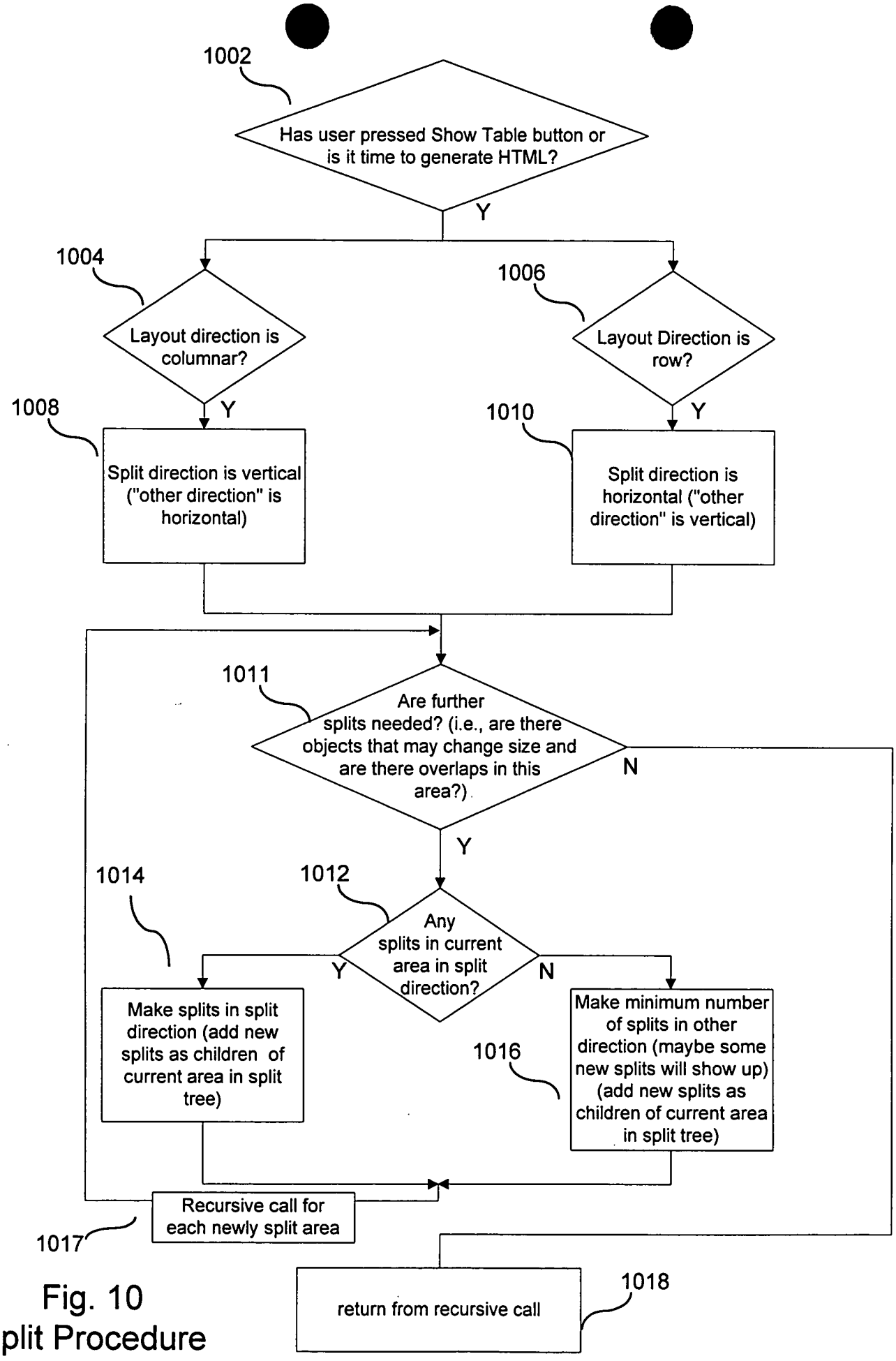


Fig. 10
Split Procedure

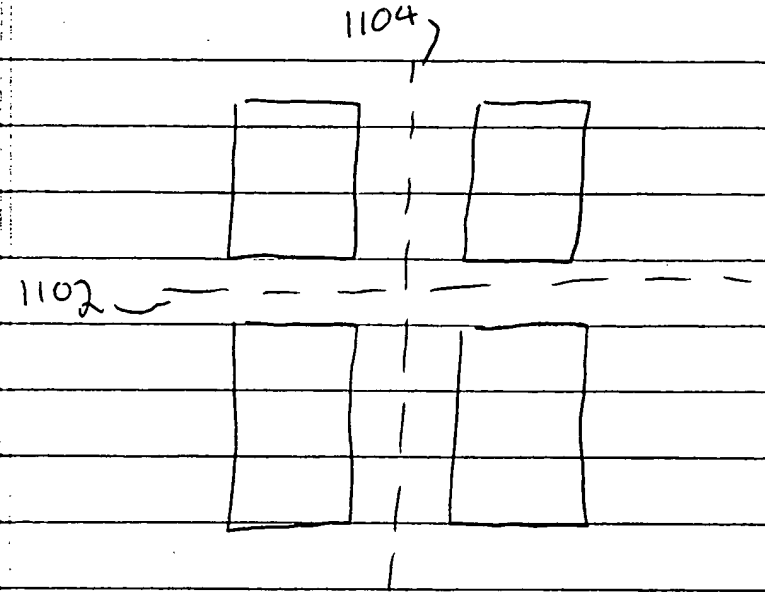


Fig. 11(a)
Splitable

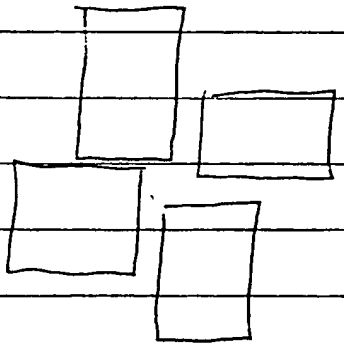


Fig. 11(b)
Non-Splittable

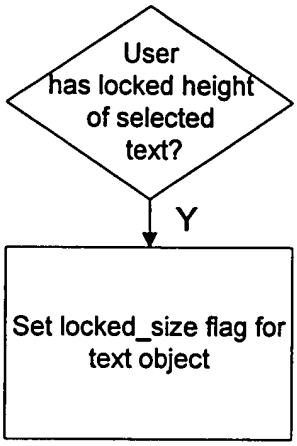


Fig. 12(a)

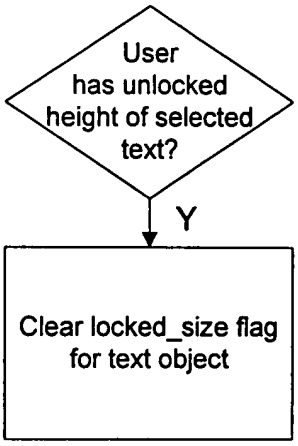


Fig. 12(b)

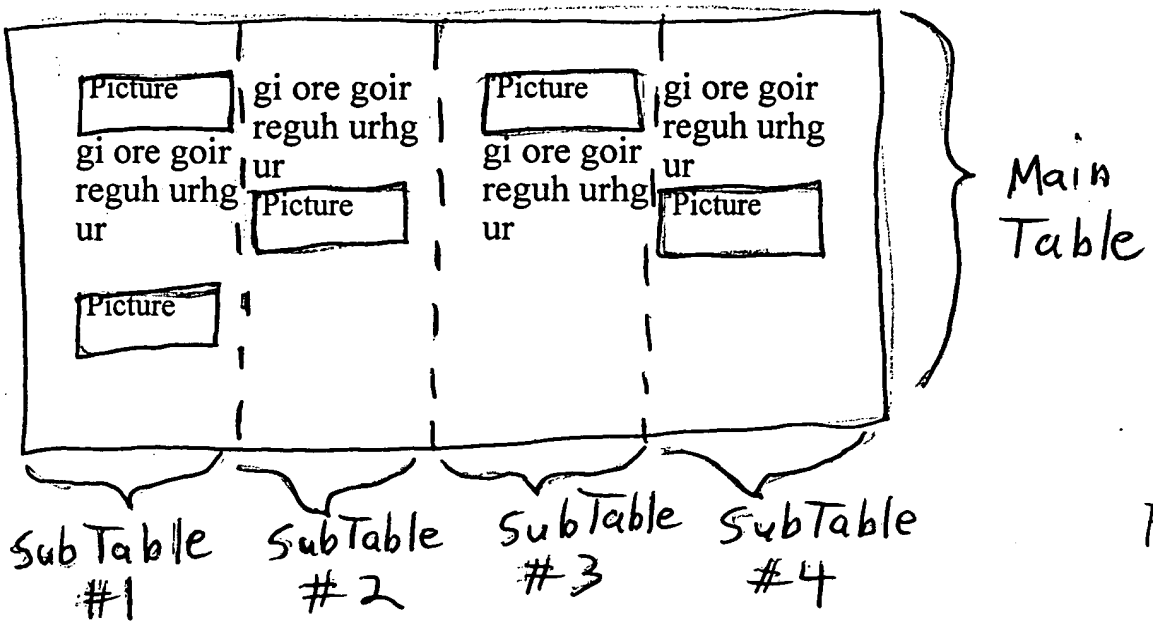


Fig. 13(a)

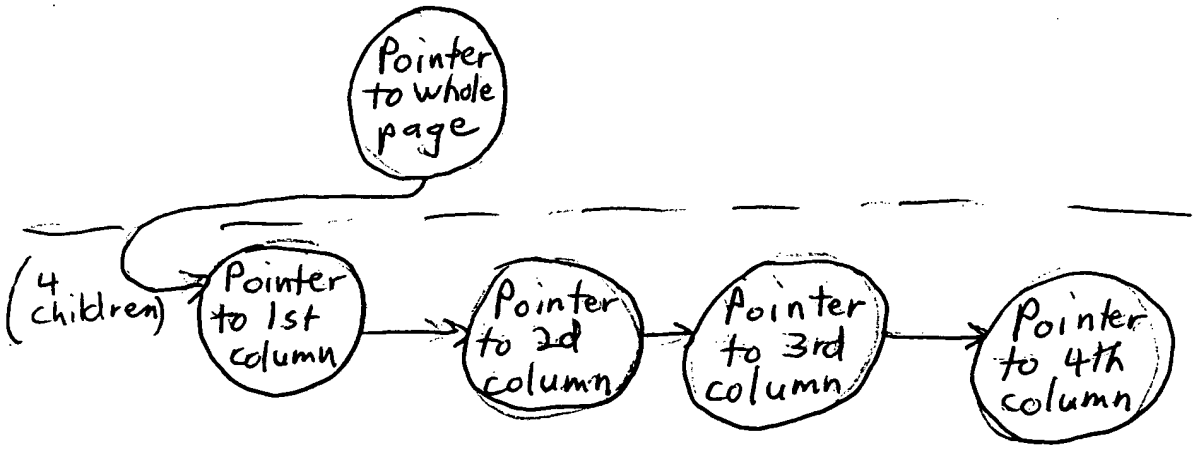


Fig 13(b)

Splitdirection = col

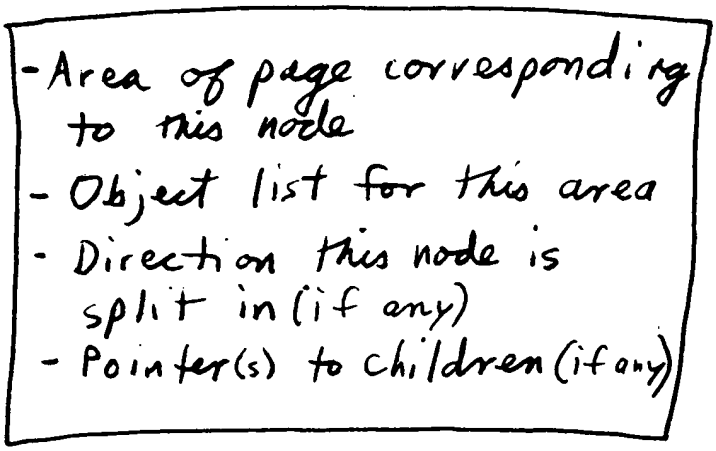


Fig. 13(c)
A node in the split tree

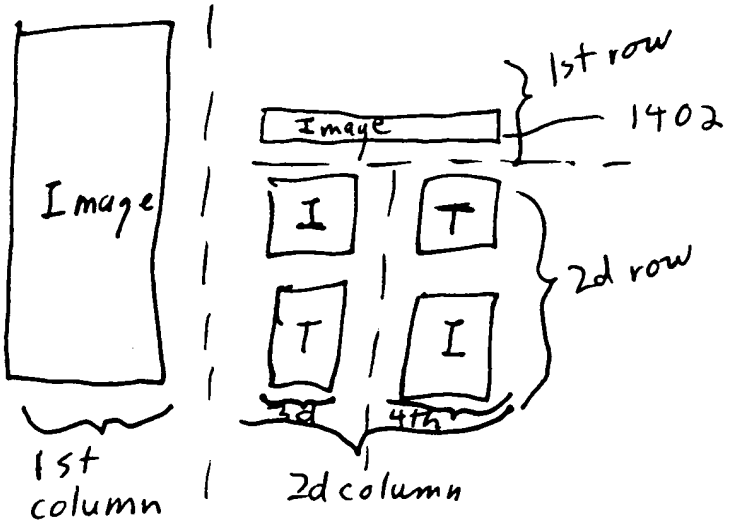


Fig. 14(a)

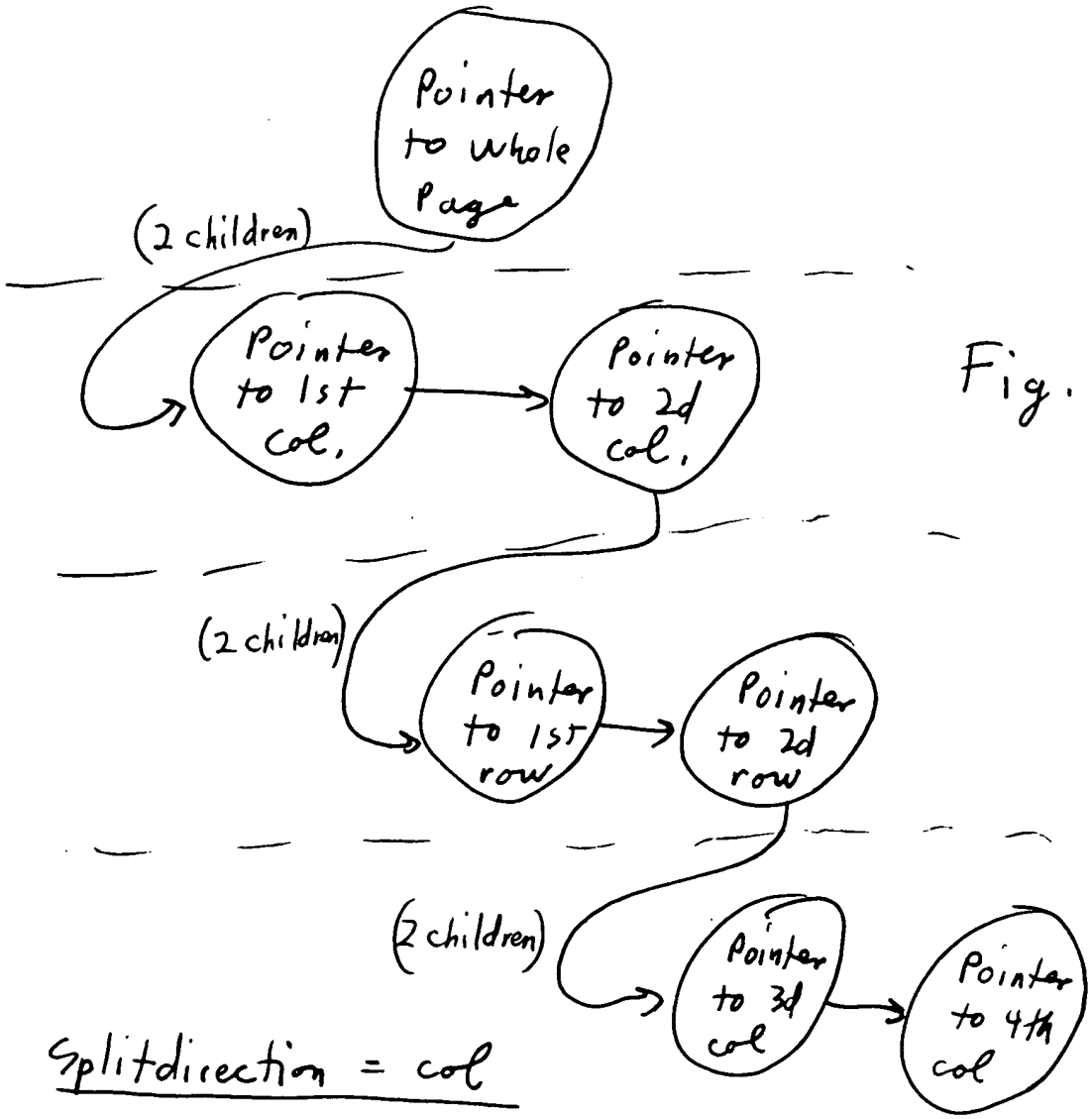


Fig. 14(b)

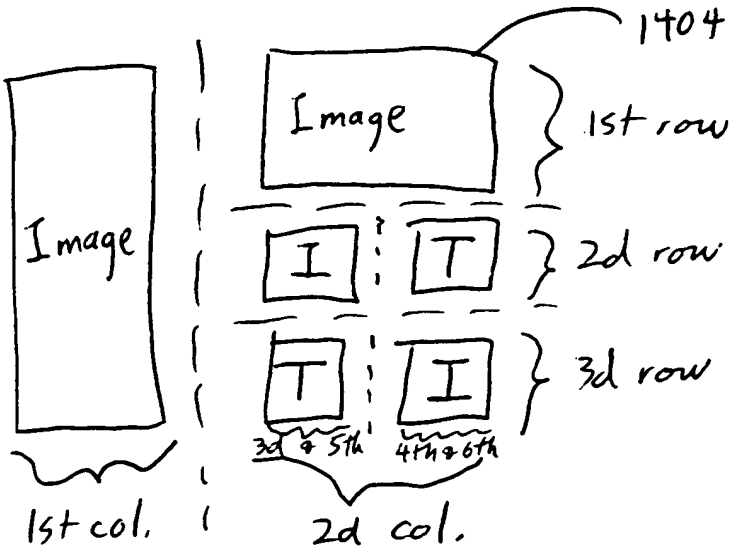


Fig. 14(c)

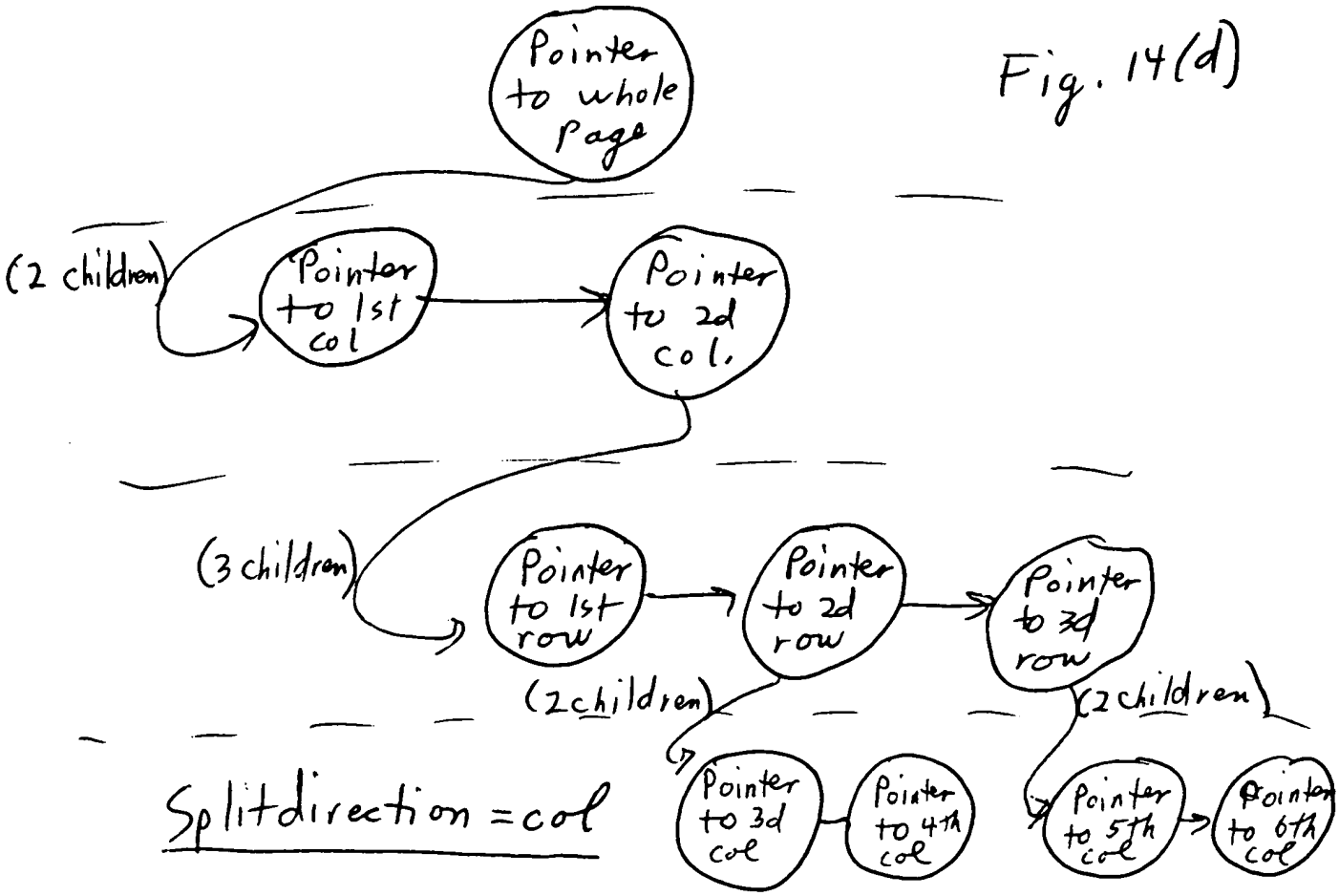


Fig. 14(d)

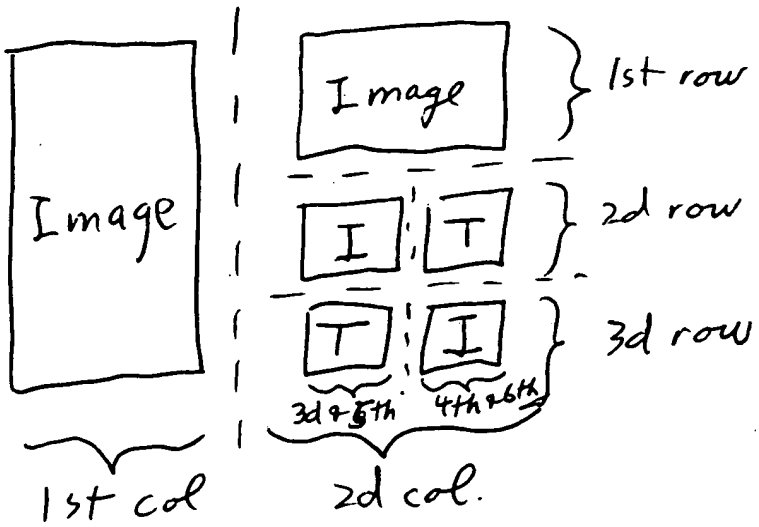


Fig 15(a)

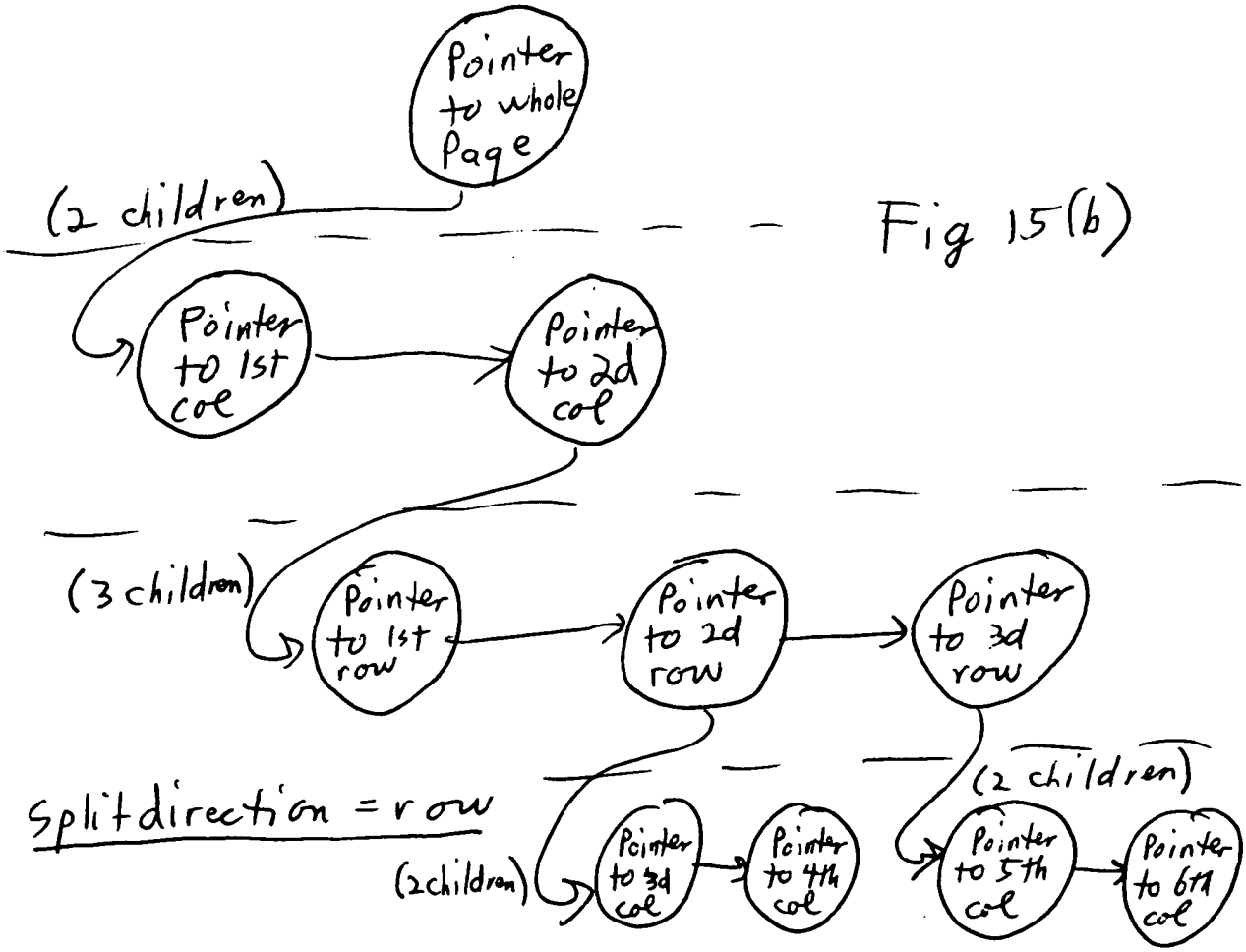


Fig 15(b)

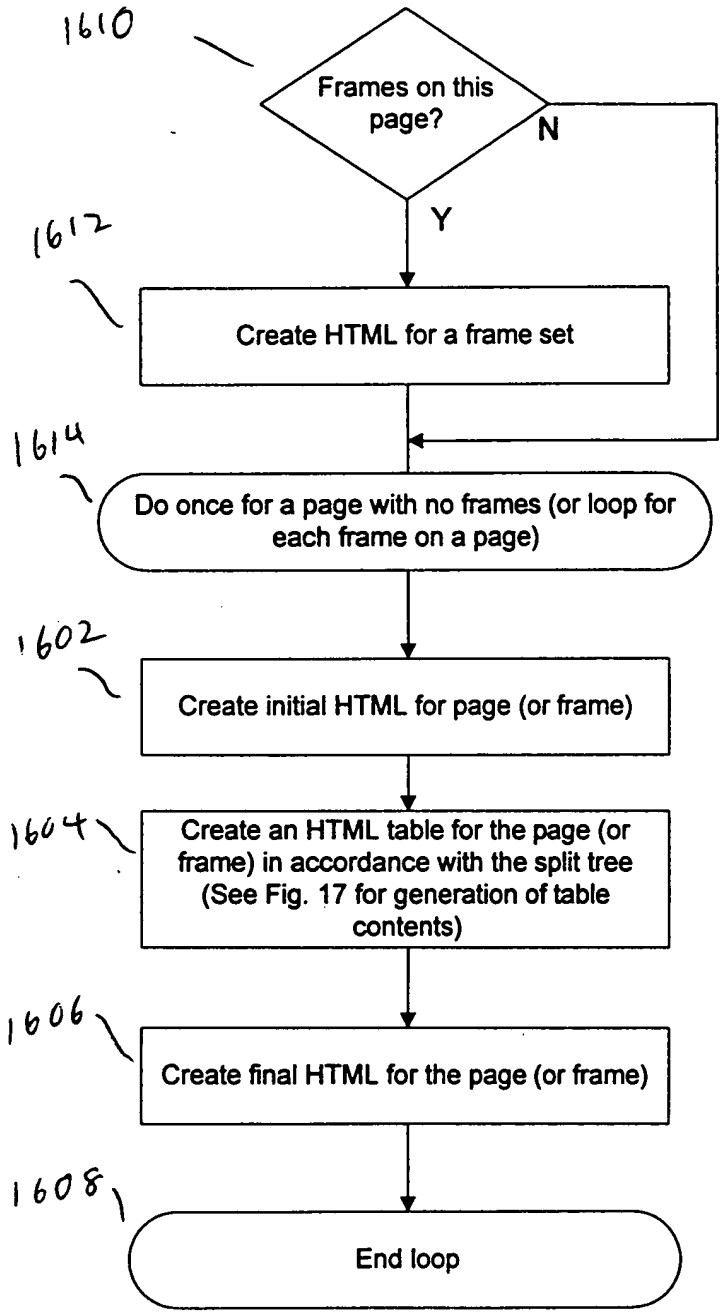

1610
Frames on this page?
N
Y
1612
Create HTML for a frame set
1614
Do once for a page with no frames (or loop for each frame on a page)
1602
Create initial HTML for page (or frame)
1604
Create an HTML table for the page (or frame) in accordance with the split tree (See Fig. 17 for generation of table contents)
1606
Create final HTML for the page (or frame)
1608
End loop

Fig. 16

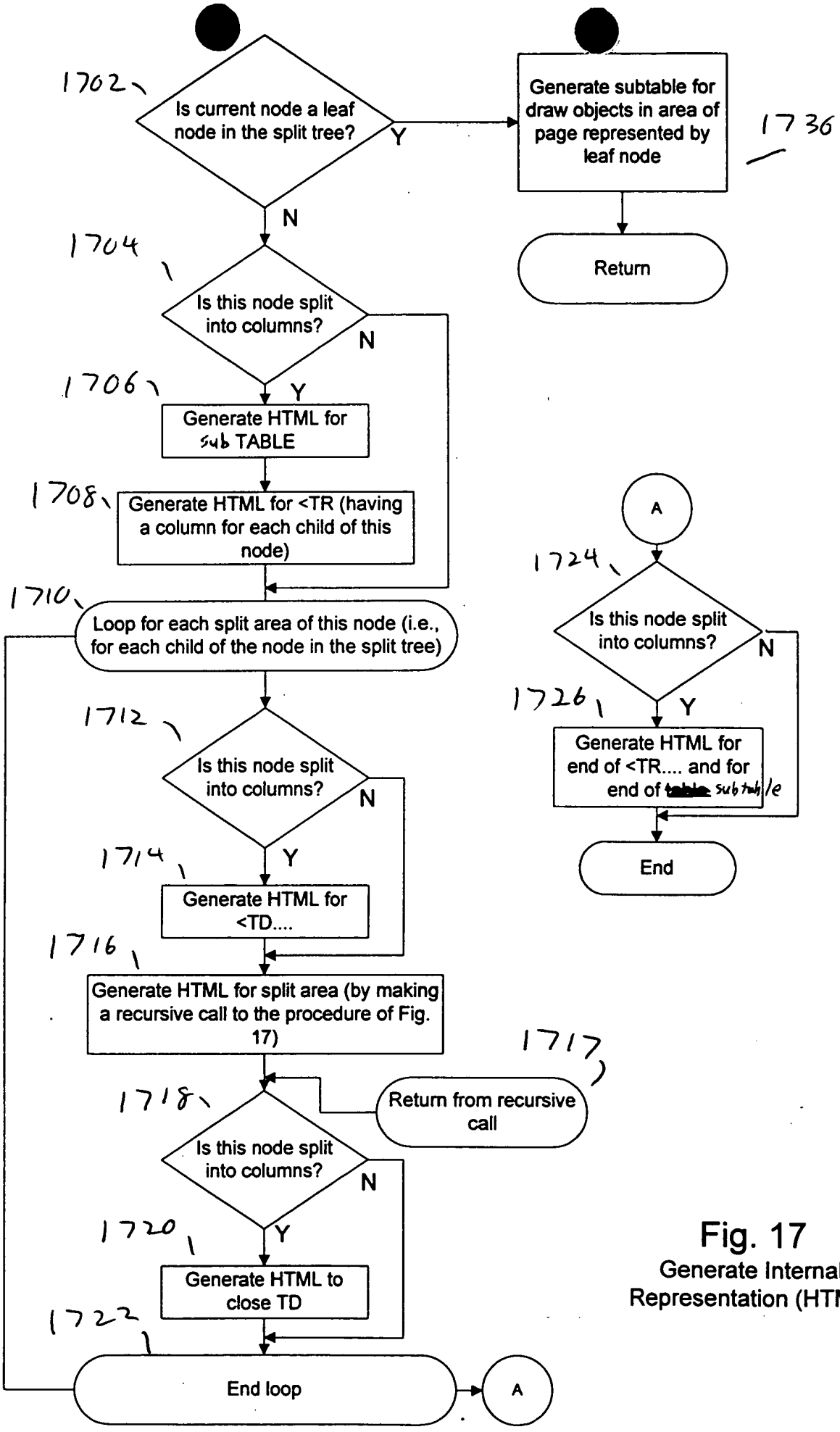
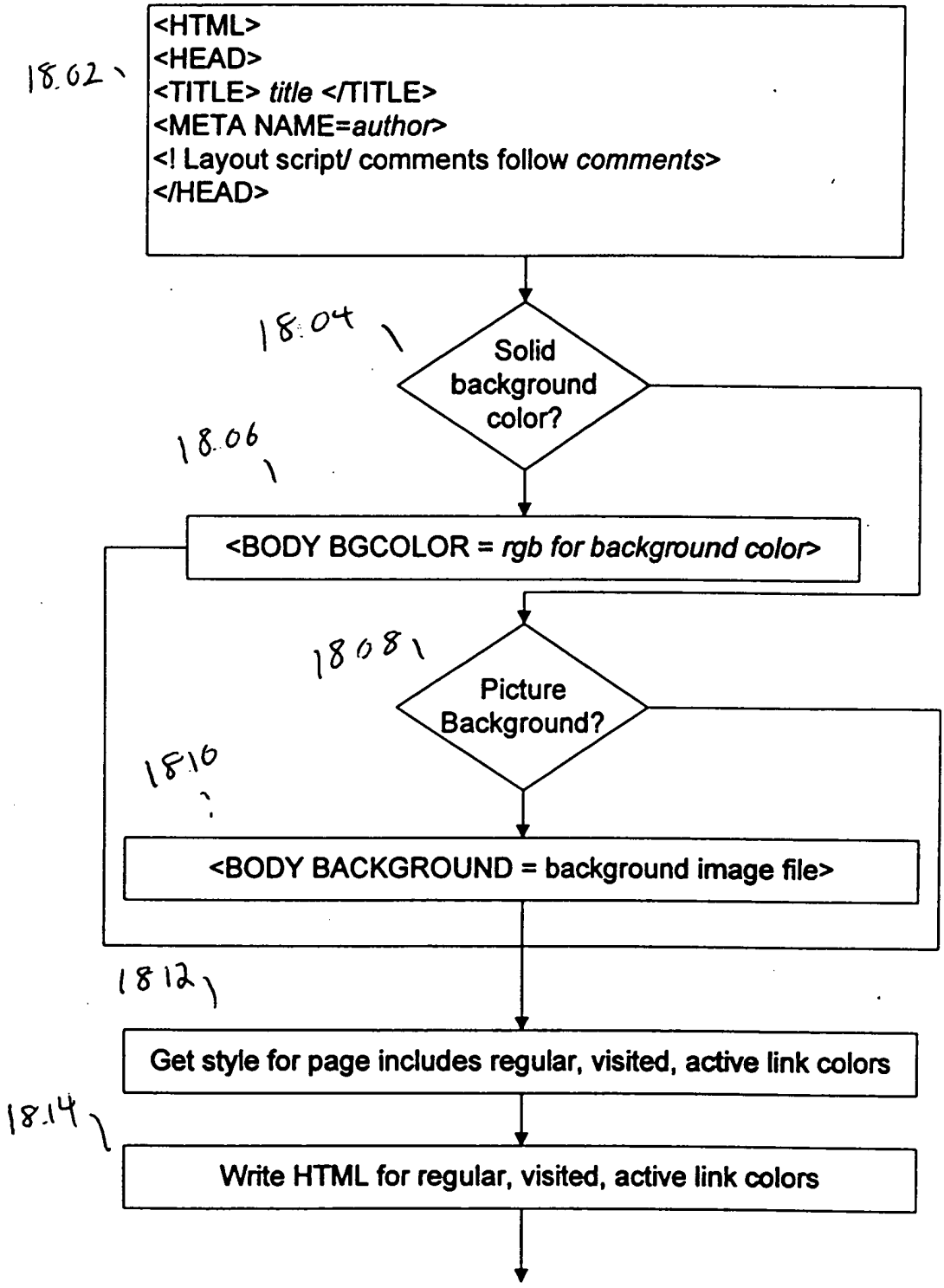


Fig. 17
Generate Internal Representation (HTML)



Create initial HTML

Fig. 18

1902 ~ Get layout data for split area

1904 ~ Find unique row edges of elements ~~on page~~ (eliminate duplicates)

1906 ~ Find unique column edges of elements (eliminate duplicates)

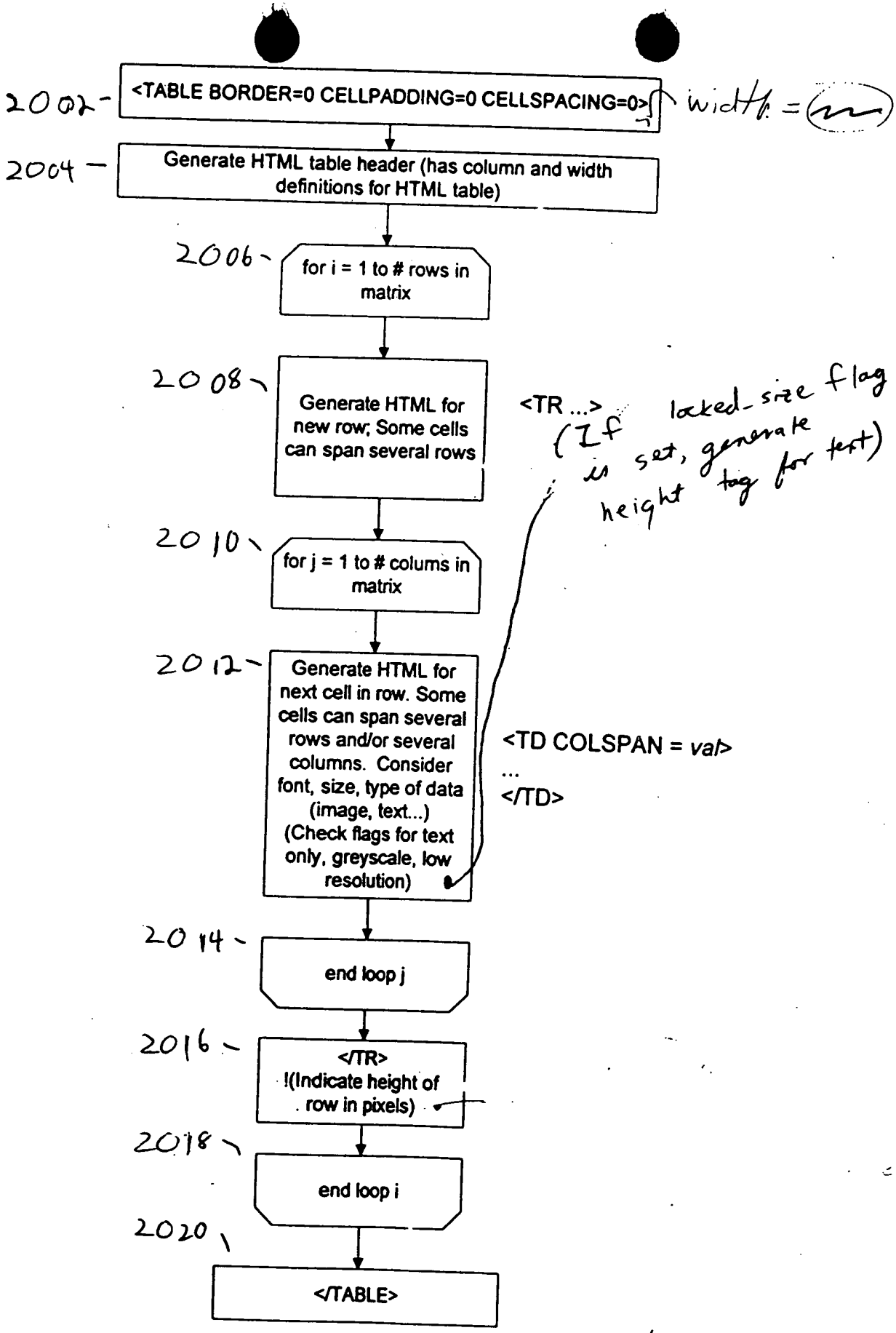
1908 ~ Create matrix having (row edges + 1) rows and (column edges + 1) colums. Matrix cells point to draw objects.

1910 ~ Find height of each row and width of each column in the matrix and save.

1912 ~ Create HTML subtable in accordance with the matrix

Fig. 19

Build HTML SubTable



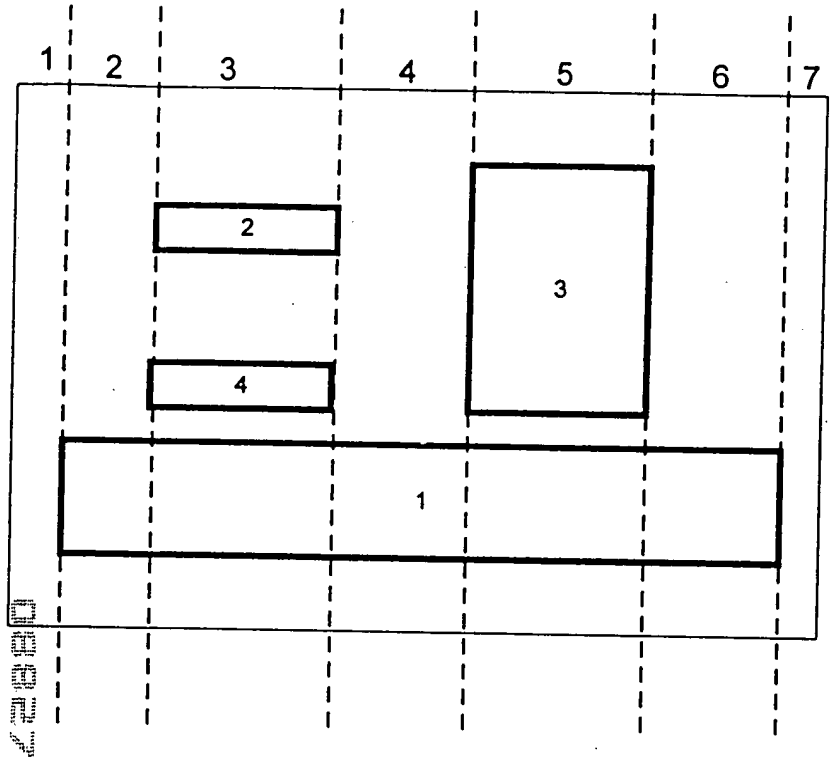
Generation of HTML for an HTML (sub) table in acordance with matrix

Fig. 20

2102

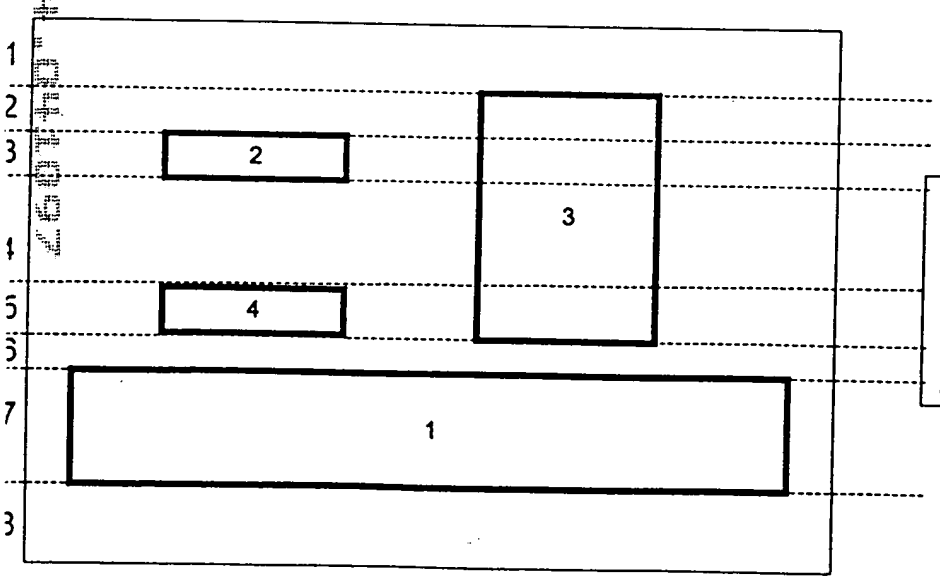
```
<P> <A HREF = netobjects homepge URL>
      <IMG SRC=link image\ BORDER=0>
       </A>
</P>
</BODY>
</HTML>
```

Generate final
HTML
Fig. 21



Object #	Start	Start + Length
1	10	100
2	30	40
3	60	75
4	30	40

2202



Object #	Start	Start + Height
1	80	95
2	20	25
3	10	70
4	65	70

2204

Fig. 22

Object #	Start	Start + Length
1	10	100
2	30	40
3	60	75
4	30	40

Sort and remove duplicates

Column Edges

10
30
40
60
75
100

6 column edges

Determine width of each column

column widths

1
...
7

Object #	Start	Start + Height
1	80	95
2	20	25
3	10	70
4	65	70

Sort and remove duplicates

Row Edges

10
20
25
65
70
80
95

7 row edges

Determine height of each row

row heights

1
...
8

Fig. 23

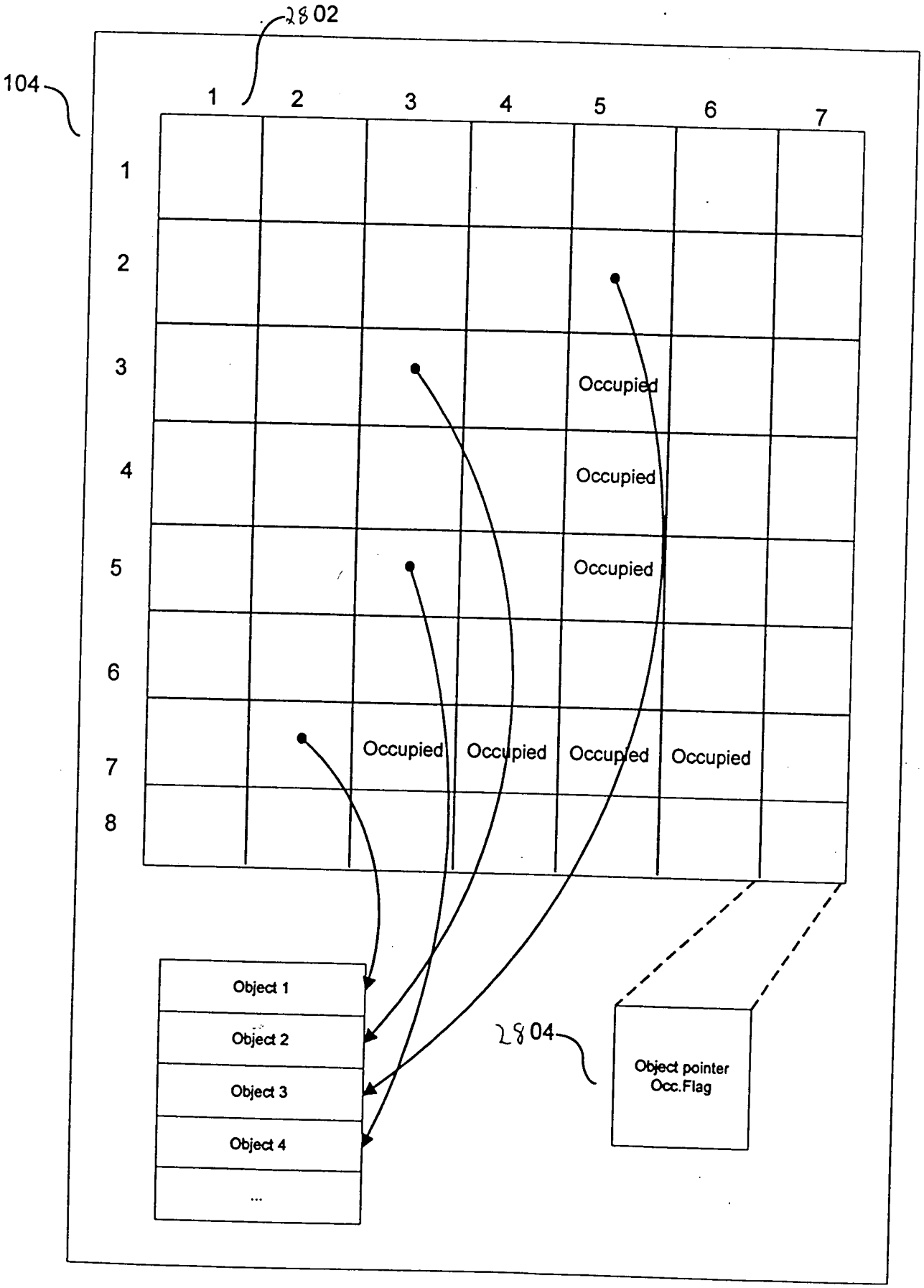

2802
104
1
2
3
4
5
6
7
1
2
3
4
5
6
7
8
Occupied
Occupied
Occupied
Occupied
Occupied
Occupied
Occupied
Object 1
Object 2
Object 3
Object 4
...
2804
Object pointer
Occ.Flag

Fig. 24

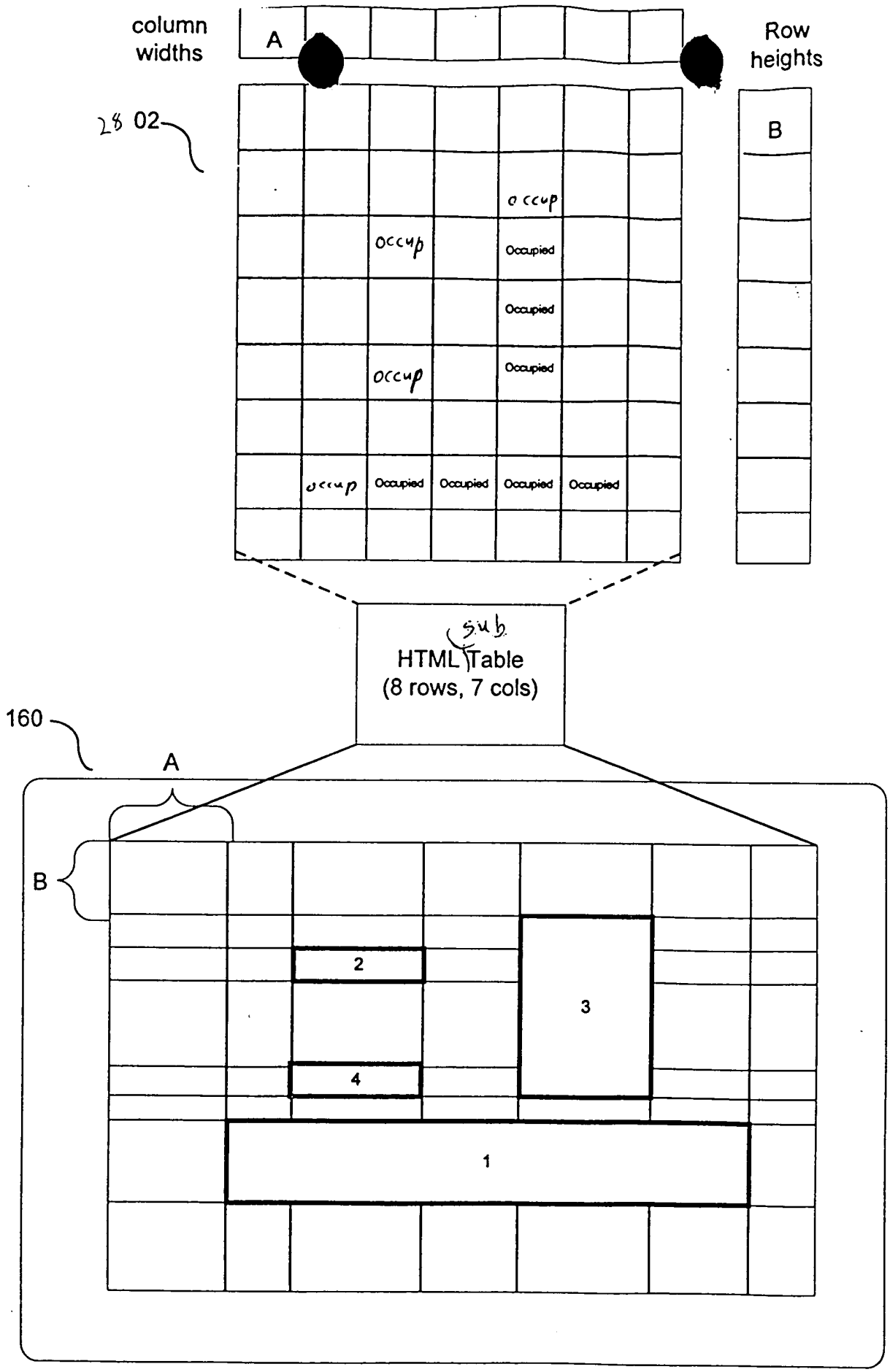

column widths
A
Row heights
B
2802
occup
Occupied
occup
Occupied
occup
Occupied
occup
Occupied
Occupied
Occupied
Occupied
Occupied
sub
HTML Table
(8 rows, 7 cols)
160
A
B
2
3
4
1

Fig. 25